

**MONTANA STATE AVIATION SYSTEM PLAN
1995 UPDATE
FIELD INSPECTION FORM**

AIRPORT:	MISSION FIELD (LVM)	AIRPORT REFERENCE CODE:	B-I (LG)
CITY:	LIVINGSTON	APPROACH TYPE:	NPI
CONTACT:	RUSS FERGUSON	DATE INVENTORIED:	11-17-95
PHONE #:	222-0520	INSPECTED BY:	RSD & TLD

	REQUIRED	ACTUAL	ALP	CONFORM
RUNWAY 4/22 INVENTORY				
DISTANCE TO:				
HOLD LINES FROM CENTERLINE:	200'	200',200',(1)		NO
PARALLEL TAXIWAY FROM CENTERLINE:	225'	657.5'		✓
AIRCRAFT PARKING FROM CENTERLINE:	200'	640'+		✓
RUNWAY WIDTH:	60'	75'		✓
RUNWAY LENGTH:	10,690 (2)		5,700'	<75%
RUNWAY SAFETY AREA (RSA) WIDTH:	120'	OK		✓
RUNWAY OBJECT FREE AREA (OFA) WIDTH:	400'	(3)		NO
PRIMARY / TRANSITION SURFACE PENETRATIONS:	500' W & 7:1	(4)		NO
LONGITUDINAL GRADE - SITE DIST. PROBLEMS:		OK		✓
OBSTACLE FREE ZONE ANALYSIS:	400' WIDE x 200' BEYOND			(2)
PAVEMENT EDGE LIP HEIGHT (MIN AND MAX):	1.5" - 3"	FL - 1.5"		OK
PAVEMENT MARKING TYPE:	NPI	BASIC W/FIXED DIST		NO
PAVEMENT MARKING CONDITION:		FAIR		N/A
RUNWAY 4 END INVENTORY				
SAFETY AREA (RSA) BEYOND RUNWAY END:	240'	OK		✓
OBJECT FREE AREA (OFA) BEYOND RUNWAY END:	240'	(3)		NO
APPROACH OBSTRUCTIONS:	20:1	(5)	34:1	NO
RUNWAY END ELEVATION:			4646.35	N/A
RUNWAY 22 END INVENTORY				
SAFETY AREA (RSA) BEYOND RUNWAY END:	240'	(6)		NO
OBJECT FREE AREA (OFA) BEYOND RUNWAY END:	240'	OK		✓
APPROACH OBSTRUCTIONS:	20:1	NONE	34:1	✓
RUNWAY END ELEVATION:			4631.1	N/A
RUNWAY LIGHTING INVENTORY				
DISTANCE FROM PAVEMENT EDGE:	10'	10'		✓
MAXIMUM DISTANCE BETWEEN LIGHTS:	200'	OK		✓
TYPE:	MIRL - STAKE MOUNTED - CROUSE HINDS			N/A
CONDITION:		FAIR		N/A
COLOR:	WHITE	WHITE		✓
THRESHOLD 4				
DISTANCE FROM PAVEMENT EDGE:	10'	1.5' - 2'		NO
MAXIMUM DISTANCE BETWEEN LIGHTS:	10'	14'		NO
COLOR:	RED/GREEN	RED/GREEN		OK
THRESHOLD 22				
DISTANCE FROM PAVEMENT EDGE:	10'	2'		NO
MAXIMUM DISTANCE BETWEEN LIGHTS:	10'	14'		NO
COLOR:	RED/GREEN	RED/GREEN		OK

COMMENTS:

- (1) 4 END TURNAROUND BAY IS APPROX 112' DEEP FROM CENTERLINE, THEREFORE NO ROOM FOR HOLD LINE
- (2) RW LENGTH OF 6,430' FOR 75% @ 60% LOAD, 8,750' FOR 75% @ 100% LOAD, 8,830' FOR 100% @ 60% LOAD,
AND 10,690' FOR 100% COVERAGE @ 90% MAXIMUM LOAD; FOR SMALL AIRCRAFT - RW LENGTH OF 4,290' FOR 75%, 5,660' FOR 95%,
AND 5,900' FOR 100% COVERAGE, ALP ULTIMATE SHOWN AS 6,300'
- (3) 4 END NONFRANGIBLE SIGNS 112' OFF CENTERLINE AND 222' FROM END & 125' FROM CENTERLINE; 22 END 112' FROM CL
- (4) WINDCONE IS MAJOR TRANSITION SURFACE PENETRATION AND WEATHER STATION MAY JUST PENETRATE
- (5) FENCE POST MARGINAL - MAY PENETRATE 34:1. ONLY 20:1 REQUIRED
- (6) ABRUPT EDGE / SLOPE AT GROUND TRANSITION ONTO PAVEMENT

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	REQUIRED	ACTUAL	ALP	CONFORM
TAXIWAY INVENTORY				
TAXIWAY WIDTH:	25'	40'		✓
TAXIWAY SAFETY AREA WIDTH:	49	OK		✓
TAXIWAY OBJECT FREE AREA WIDTH:	89	OK		✓
DIST. FROM CENTERLINE TO FIXED OR MOVEABLE OBJ.	44.5	54'		✓
PAVEMENT EDGE LIP HEIGHT (MIN AND MAX):	1.5" - 3"	~2"		✓
PAVEMENT MARKING TYPE:		YELLOW		✓
PAVEMENT MARKING CONDITION:		GOOD		N/A
TAXIWAY LIGHTING INVENTORY				
DISTANCE FROM PAVEMENT EDGE:	10'	10'		✓
MAXIMUM DISTANCE BETWEEN LIGHTS:	200'	OK		✓
TYPE:		REFLECTOR		✓
CONDITION:		GOOD		N/A
COLOR:	BLUE	BLUE		✓

MISCELLANEOUS

TYPE OF BEACON:	~40' HIGH ON STEEL TOWER
SIZE OF BEACON:	36"
OTHER LIGHTING AIDS (VASI,PAPI,REIL):	22 END: SYLVANIA VASI, GOOD COND; SYLVANIA REIL, FAIR COND
WINDCONE (CONDITION & COMPLIANCE):	NEAR APRON 270' OFF CL, LIGHTED, ~25', GOOD COND
SEGMENTED CIRCLE (CONDITION & COMPLIANCE):	PAINTED TIRE CIRCLE
WINDCONE (CONDITION & COMPLIANCE):	TOWARDS 22 END, 330' OFF CL, ~25', POOR/FAIR CONDITION
SEGMENTED CIRCLE (CONDITION & COMPLIANCE):	NO SEGMENTED CIRCLE
FENCING:	FAIR
SIGNS: (TYPE, CONDITION, PLACEMENT)	--APRON TAXIWAY, "22-4", LUMACURVE GOOD COND, 200' OFF CL, 15' OFF PVMT EDGE --TURF RNWY INTERSECTION, "31", "31", LUMACURVE GOOD COND, 200' OFF TURF CL, 15' OFF PVMT EDGE --TAXI EXIT, "A", "A", LUMACURVE GOOD COND, 20' OFF PVMT EDGE

COMMENTS: _____
